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09/823,506	03/28/2001	Dennis Sunga Fernandez	84022.0117	8534

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EXAMINER
VO, TUNG T

ART UNIT	PAPER NUMBER
2621	

NOTIFICATION DATE	DELIVERY MODE
02/18/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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	Application No.	Applicant(s)
Office Action Summary	09/823,506	FERNANDEZ ET AL.
	Examiner	Art Unit	
	Tung Vo	2621	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>03</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>12/04/2009</u>.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>38-69</u> is/are pending in the application.

  4a) Of the above claim(s) <u>1-37</u> is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>38-69</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on <u>29 March 2001</u> is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

  a) ☐ All b) ☐ Some * c) ☐ None of:

  1. ☐ Certified copies of the priority documents have been received.

  2. ☐ Certified copies of the priority documents have been received in Application No. _____.

  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

  * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>01/11/10; 12/04/09.</u>

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 12/04/2009 has been entered.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

3.   Claims 38-41, 44, 46-49, 52, 54, 56-58, and 62 64-69 are rejected under 35 U.S.C. 102(e)

as being anticipated by Hyuga (US 5,818,733) in view of Glatt (US 6,724,421) and Myers (US

5,751,289).

Re claims 38, 40, 44, and 47-49, Hyuga teaches a system (fig. 13) comprising:

a movement module (2 of fig. 13) configured to receive first data *(e.g. the location of the*

object based on the GPS system as disclosed in figure 10, vectorial information and direction

and distance from any imaging devices) from a first detector (e.g. 27-1 of fig. 13), wherein the

first data *(a location of the mobile unit carried by the player or patient, 1 of fig. 10, is detected*

by the GPS system, which has vectorial information and direction and distant from any imaging

devices, 27-1-27-n of fig. 13) is associated with an object *(note the mobile unit has the GPS*

system that indicates the location associated with the layer or patient) in a first observation

range *(note when the player or patient is located, the image device, 27-1 of figs. 3 and 13,*

captures the player with the first data information), wherein the movement module (2 of fig. 1)

is further configured to determine the vectorial information of the mobile unit location and the

direction and distance to the mobile unit *(col. 5, lines 39-53, note the vectorial information of the*

mobile unit location and the direction and distance to the mobile unit (1 of fig. 10) are

computed) based at least in part on the first data *(first location of the object, fig. 10, within the*

fist observation range of the first detector, 27-1 of figs. 3 and 13) and object data (e.g. 51 and 1

of fig. 13,) received from a mobile unit (e.g. 1 of fig. 1) physically associated with the object,

wherein the movement module (2 of fig. 13) is further configured to determine a second

observation range (26 of fig. 13) associated with the object; and a processor (3, 22, and 26 of fig.

13) configured to select the first detector (27-1 of fig. 13, note the user enables to select the first

detector) based at least in part on the first observation range (note the direction and distance to

the mobile unit (1 of fig. 1) from any one of imaging devices (27-1-27-n of fig. 13), wherein the

processor is further configured to select a second detector (27-2 of fig. 13) based at least in part

on the vectorial information of its location indicating the direction and distance to mobile unit

from the imaging devices*(col. 5, lines 46-53)* and the second observation range (27-2 of fig. 13);

wherein the first detector (27-1 of figs. 3 and 13) is configured to hand-off observation of the at

least-one object to the second detector (27-2 of figs. 3 and 13) in response to the processor (3 of

fig. 13) selecting the second detector (27-2 of fig. 13) in an observation range (pan, tilt, and

zoom controls, 26 of fig. 13) of the at least one object (e.g. fig. 4).

It is noted Hyuga does not particularly teach to determine a movement vector of a

movement of the object; the first detector is configured to predict a future location of the object

and hand-off the observation of the object to the second detector in response to the movement

vector indicating that the object is about to move into the second observation range; wherein the

second detector is activated in response to the processor determining that the object is traveling

from the first observation range to the second observation range as claimed.

Glatt teaches means (col. 5, lines 58-61) to determine a movement vector *(detecting*

motion of the object is considered as a movement vector) of a movement of the object *(a moving*

object); the first detector (12 of fig. 1) is configured to predict a future location of the object *(col.*

4, lines 24-34, note a delta image indicates the moving object within or outside a certain

maximum movement or travel range, if the moving object is outside the maximum movement or

travel range, start signal will be generated so that computer (41 of fig. 3) instructs the

appropriate slave camera (e.g. 16 of fig. 3) to track the movement of the object, this disclosure

suggest to predict a future location of the object) and hand-off the observation of the object to

the second detector in response to the movement vector indicating that the object is about to

move into the second observation range *(col. 4, lines 29-34, if the difference indicated by the*

delta image is outside the maximum movement or range, a start signal will be generated so that

computer 41 instructs the appropriate slave camera to track the movement of the object);

wherein the second detector (e.g. 16 of fig. 3) is activated in response to the processor (41 of fig.

3) determining that the object is traveling from the first observation range *(Note outside the*

certain maximum movement or travel range, col. 4, lines 29-31) to the second observation range

(outside the maximum movement or travel range is considered as the second observation range

detected by the second detector, 16 of fig. 3).

Taking the teachings of Hyuga and Glatt as a whole, it would have been obvious to one

of ordinary skill in the art to modify the teachings of Glatt into Hyuga to improve the detection

precision and to track automatically and smoothly of the moving object.

It is noted that the combination of **Hyuga and Glatt** does not particularly teach to

extrapolate a predicted of the object as claimed.

Myers teaches to extrapolate a predicted of the object (col. 30, lines 27-33).

Taking the teachings of Hyuga, Glatt, and Myers as together as whole, it would have

been obvious to one of ordinary skill in the art to modify the teachings of Myers into the

combination of **Hyuga and Glatt** further same purpose of detecting the prediction future of the

moving object sot that the system is to select the unsolicited advertisement to send to the user.

Doing so allow the user to save time when the user is on the road.

Re claim 39, Hyuga further teaches wherein a distance between the second detector and a

neighbor-of the first detector is greater than a distance between the first detector and a third

detector (fig. 3).

Re claim 41, Hyuga further teaches wherein the mobile unit generates a position signal if

the object moves within at least one of the first observation range or the second observation

range (1 of fig. 13).

Re claim 46, Hyuga further teaches wherein an electronic file comprising at least one of a recorded voice transmission, a recorded music transmission, a live voice transmission or a live music transmission is provided to the at-least-one object via a network (16, 24, and 31 of fig. 13).

Re claim 64, Hyuga further teaches wherein the object data is object location data (e.g. fig. 10, GPS).

Re claim 65, Hyuga further teaches wherein the processor (3 of fig. 13) is configured to select a second detector (e.g. 27-2 of figs. 3 and 13) in response to at least one of the object being in the second observation range, an expectation that the object will be in the second observation range (e.g. fig. 3), a predicted trajectory of the object, an actual trajectory of the object being directed toward the second observation range (figs. 10 and 11), or the object being about to enter the second observation range (e.g. figs. 3, 10, and 11).

Re claims 52, 54, and 66, see analysis in claims 39, 41, 46, 64-65;

Re claims 56-58, 50, and 62, see analysis in claims 38-41, 44, 46, 64-65;

Re claims 67-69, see analysis in claims 38-41, 44, 46, 64-65.

4.   Claims 38-41, 44, 46-47, 52, 54, 56-58, and 62 64-69 are rejected under 35 U.S.C. 102(e) as being anticipated by Hyuga (US 5,818,733) in view of Araki et al. (US 4,737,847) and Myers (US 5,751,289).

Re claim 38, Hyuga teaches a system (fig. 13) comprising:

a movement module (2 of fig. 13) configured to receive first data *(e.g. the location of the object based on the GPS system as disclosed in figure 10, vectorial information and direction and distance form any imaging devices)* from a first detector (e.g. 27-1 of fig. 13),

wherein the first data *(a location of the mobile unit carried by the player or patient, 1 of fig. 10, is detected by the GPS system, which has vectorial information and direction and distant from any imaging devices, 27-1-27-n of fig. 13)* is associated with an object *(note the mobile unit has the GPS system that indicates the location associated with the layer or patient)* in a first observation range *(note when the player or patient is located, the image device, 27-1 of figs. 3 and 13, captures the player with the first data information)*,

wherein the movement module (2 of fig. 1) is further configured to determine the vectorial information of the mobile unit location and the direction and distance to the mobile unit *(col. 5, lines 39-53, note the vectorial information of the mobile unit location and the direction and distance to the mobile unit (1 of fig. 10) are computed)* based at least in part on the first data *(first location of the object, fig. 10. within the fist observation range of the first detector, 27-1 of figs. 3 and 13)* and object data (e.g. 51 and 1 of fig. 13,) received from a mobile unit (e.g. 1 of fig. 1) physically associated with the object,

wherein the movement module (2 of fig. 13) is further configured to determine a second observation range (26 of fig. 13) associated with the object; and

a processor (3, 22, and 26 of fig. 13) configured to select the first detector (27-1 of fig. 13, note the user enables to select the first detector) based at least in part on the first observation range (note the direction and distance to the mobile unit (1 of fig. 1) from any one of imaging devices (27-1-27-n of fig. 13), wherein the processor is further configured to select a second detector (27-2 of fig. 13) based at least in part on the vectorial information of its location indicating the direction and distance to mobile unit from the imaging devices*(col. 5, lines 46-53)* and the second observation range (27-2 of fig. 13);

wherein the first detector (27-1 of figs. 3 and 13) is configured to hand-off observation of the at least-one object to the second detector (27-2 of figs. 3 and 13) in response to the processor (3 of fig. 13) selecting the second detector (27-2 of fig. 13) in an observation range (pan, tilt, and zoom controls, 26 of fig. 13) of the at least one object (e.g. fig. 4).

It is noted that Hyuga does not particularly teach to determine a movement vector of a movement of the object and to predict a future location of the object as claimed.

Araki teaches a object tracking means (438 of fig. 70) to determine a movement vector *(a displacement vector of the object OBJp, OBJp of fig. 74, col. 26, lines 2-7)* of a movement of the object *(438 of fig. 70, note means for tracking movement of the extracted object from the object extracting means, 436 of fig. 70, col. 29, lines 57-57)* and to predict a future location of the object *(the object tracking means, 438 of fig. 70, including means for predicting a moving position of said object; col. 25, lines 59-col. 26, line 14; and col.29. lines 58-60)*.

Taking the teachings of Hyuga and Araki as a whole, it would have been obvious to one of ordinary skill in the art to modify the teachings of Araki into the system of Hyuga to provide the system for improving the monitoring accuracy and in the reliability.

It is noted that the combination of **Hyuga and Araki** does not particularly teach to extrapolate a predicted of the object as claimed.

Myers teaches to extrapolate a predicted of the object (col. 30, lines 27-33).

Taking the teachings of Hyuga, Araki, and Myers as together as whole, it would have been obvious to one of ordinary skill in the art to modify the teachings of Myers into the combination of **Hyuga and Araki** further same purpose of detecting the prediction future of the

moving object sot that the system is to select the unsolicited advertisement to send to the user.
Doing so allow the user to save time when the user is on the road.

Re claim 39, Hyuga further teaches wherein a distance between the second detector and a neighbor-of the first detector is greater than a distance between the first detector and a third detector (fig. 3).

Re claim 40, Hyuga modified by Araki further teaches wherein the second detector is activated in response to an instruction from at least one of the responsive to the processor or the movement module, and wherein the first detector is configured to hand-off the observation of the object to the second detector in response to an instruction from at least one of the processor or the movement module (see 22, 26, and 3 of fig. 13) and the future location of the object (see Araki: 438 of fig. 70; col. 25, lines 59-col. 26, line 14; and col.29, lines 55-60) .

Re claim 41, Hyuga further teaches wherein the mobile unit generates a position signal if the object moves within at least one of the first observation range or the second observation range (1 of fig. 13).

Re claim 44, Hyuga modified by Araki further teaches wherein the vectorial information of its location is determined using at least one of an extrapolated positional signal (fig. 10, Hyuga), or the movement vector as the displacement vector is based on an extrapolated visual signal (see Araki: 438 of fig. 70; col. 25, lines 59-col. 26, line 14; and col.29, lines 58-60).

Re claim 46, Hyuga further teaches wherein an electronic file comprising at least one of a recorded voice transmission, a recorded music transmission, a live voice transmission or a live music transmission is provided to the at-least-one object via a network (16, 24, and 31 of fig. 13).

Re claim 64, Hyuga further teaches wherein the object data is object location data (e.g. fig. 10, GPS).

Re claim 65, Hyuga further teaches wherein the processor (3 of fig. 13) is configured to select a second detector (e.g. 27-2 of figs. 3 and 13) in response to at least one of the object being in the second observation range, an expectation that the object will be in the second observation range (e.g. fig. 3), a predicted trajectory of the object, an actual trajectory of the object being directed toward the second observation range (figs. 10 and 11), or the object being about to enter the second observation range (e.g. figs. 3, 10, and 11).

Re claims 47, 52, 54, and 66, see analysis in claims 38-41, 44, 46, 64-65;

Re claims 56-58, 50, and 62, see analysis in claims 38-41, 44, 46, 64-65;

Re claims 67-69, see analysis in claims 38-41, 44, 46, 64-65.

5.   Claims 42 and 50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hyuga (US 5,818,733) in view of Araki et al. (US 4,737,847) and Myers (US 5,751,289), and further in view of Anderson (US 5,684,476).

Re claims 43 and 50, the combination of Hyuga, Araki, and Myers does not disclose the

mobile unit comprises an accelerometer as claimed.

Anderson teaches an accelerometer (col. 11, lines 24-25) configured to provide data

indicative of movement of the to facilitate generating the object location information trigger

object position calculation (fig. 3, calculate new position, e.g. 84 of fig. 3).

Taking the teachings of Hyuga, Araki, Myers, and Anderson as a whole, it would have

been obvious to one of ordinary skill in the art to modify the teachings of Anderson into the

combination of Hyuga, Araki, Myers to improve the accuracy of the object position information.

6.   Claims 43, 45, 51, 53, 55, 59, 61, and 63 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Hyuga (US 5,818,733) in view of Araki et al. (US 4,737,847) and Myers (US

5,751,289), and further in view of Bro (US 5,722,418).

Re claims 43, 45, 51, 53, 59, and 61, the combination of Hyuga, Araki, and Myers does

not particularly teaches wherein the processor is further configured to receive from a database

object information comprising at least one of an object name, an object identifier, an object, a

group, an object query, an object condition, an object status, an object location, an object time,

an object error, and an object image, a video broadcast signal, a representation of an object

identity, or an audio broadcast signal; wherein the object is authenticated according to at least

one of a voice pattern, a magnetic signal or a smart-card signal as claimed.

Bro teaches wherein the processor (16 of fig. 1) is further configured to receive from a

database object information (12 of fig. 1) comprising at least one of an object name, an object

identifier, an object, a group, an object query, an object condition, an object status, an object

location, an object time, an object error, and an object image, a video broadcast signal, a representation of an object identity, or an audio broadcast signal (e.g. 42, 44, 54, and 58 of fig. 1); wherein the object is authenticated according to at least one of a voice pattern, a magnetic signal or a smart-card signal (42 of fig. 1, note another preferred embodiment would be the use of human interface technology to recognize the patient's, employees or client's, 50 of fig. 1, gestures for interpreting body language and speech recognition).

Therefore, taking the teachings of Hyuga, Araki, Myers and Bro as a whole, it would have been obvious to one of ordinary skill in the art to modify the teachings of Bro into the system of Hyuga, Araki, and Myers to improve the identified user.

Re claims 55 and 63, Hyuga further teaches wherein the processor (3 of fig. 13) confirms the identity of the object (e.g. 31 and 53 of fig. 13) by processing a visual image of the object using at least one adaptive learning software or neural learning software to recognize the object automatically (see also 12, 16, and 200 of fig. 1, Bro).

NOTE Response to Arguments filed on 08/11/2009: The applicant argues that Hyuga determines an actual location of the object to be monitored, camera in the actual location is selected to record image of the object, and there is no disclosure in Hyuga that contemplates using any motion of the object to determine which camera is use.

The examiner strongly disagrees with the applicant. It is submitted that Hyuga teaches an extracting means of the mobile unit (1 of fig. 1) determine the location of the object using the GPS system (col. 3, lines 17-21; col. 5, lines 39-53), wherein the mobile's own location is transmitted to the controller (2 of fig. 13) to control the cameras (27~1-27~n of fig. 13; col. 3,

lines 20-26). Hyuga further teaches the mobile unit and the player (1 of fig. 1), the mobile unit

can be held by the player and the player moves from one to another area, which would obviously

considered as the player with mobile unit is in motion, where the motion is detected and used to

determine the direction and distance from the mobile unit to the cameras using the GPS system

(col. 5, lines 43-46; note the GPS enables to determine orientation by calculating the direction of

movement of the object as mobile unit). The disclosure of Hyuga is the same as the applicant's

invention as set forth in the specification ([0127] 4. Object Analysis. Control database and

software combines fixed and mobile object data to monitor object movement relative to fixed

surveillance sites. Fixed detectors observe object presence within certain area, ***while mobile***

sensor provide more accurate location as well as object sensor data. Database tracks historical,

current, and predicted movement of object sets, thereby facilitating object search).

The applicant further argues that Hyuga teaches a stationary object. The examiner

respectfully disagrees with the applicant. It is submitted that Hyuga teaches the mobile unit (1 of

fig. 1) is a portable device that would be considered as a moving object. Hyuga further teaches

the mobile unit can be carried on a person such as a player, and the player moves one to another

area, the combined player with mobile unit would obviously be considered as a moving object (1

of fig. 13).

The applicant further argues that Hyuga does not teach determining movement vector of

a movement of the object.

The examiner strongly disagrees with the applicant. It is submitted that Hyuga teaches

the combined player with mobile unit would move one area to another area (1 of fig. 13, note the

mobile unit is carried by the player and the player moves from one area to another area), wherein

the mobile unit device uses the vectorial information (the vectorial information is broadly

interpreted as movement vector) to compute the direction and distance of its location from the

image devices (27-1~27-n, 27c of fig. 13). The direction represents where the mobile unit goes

to, the distance represents how far from the image device, and the vectorial information indicates

the mobile unit is moving. The combination of vectorial information, direction, and distance

indicates the movement of the object.

      The applicant further argues Glatt does not disclose "predicting a future location of the

object".

      The examiner strongly disagrees with the applicant. It is submitted that Glatt teaches the

determination of the location of the object within a certain maximum movement or travel range

(col. 4, lines 24-29), if the delta image is outside the maximum movement or travel range (col. 4,

lines 29-31), the computer (41 of fig. 3) instructs the slave camera (17 of fig. 3) to track the

movement of the object, this disclosure indicates that the object (intruder) is moving from the

maximum movement or travel range to a second movement or travel range and being tracked by

the slave camera, the computer (41 of fig. 3) enables to instruct the slave camera (17 of fig. 3) to

track the movement of the object within the second movement or travel range, so the computer

would be able to predict the future location of the object.

      The applicant argues that Araki does not disclose "predicting a future location of the

object".

      The examiner strongly disagrees with the applicant. It is submitted that Araki teaches

predicting the moving object based on the first and second position of the object (figs. 74 and 75;

cols. 25, line 60-col. 26, line 14), and the predictive object within a location that is different from

the first and second positions of the object, this disclosure suggests that Araki teaches predicting the moving object.

The applicant argues that there is no teaching of "adaptive learning software or neural learning software".

The examiner strongly disagrees with the applicant. It is submitted that Bro teaches In modeling all of the expert's 200 skills are revealed and imparted to the client, employee 50 or patient. In prior versions of the subject invention, a form of computer software 16D utilizing artificial intelligence of a knowledge base in the form of software were utilized. This disclosure would obviously suggest adaptive learning software or neural learning software.

Conclusion

1.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tilfor et al. (US 5,915,020) discloses portable satellite earth station.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung Vo whose telephone number is 571-272-7340. The examiner can normally be reached on Monday-Wednesday, Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tung Vo/

Primary Examiner, Art Unit 2621